

2-Ethyl-p-xylene
1758-88-9 | DTXSID0061951

Model Performance

Model	Data
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Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.72	51.8	0.74	50.3	0.73	52.7

Model Results

Predicted value: -63.5 °C

Global applicability domain: Inside

Local applicability domain index: 1.00

Confidence level: 7.66e-01

Nearest Neighbors from the Training Set

<div>Image not found</div> <div>1,3-Dimethyl-4-ethylbenzene</div> <div>Measured: -62.9</div> <div>Predicted: -63.5</div>	<div>Image not found</div> <div>1,2-Dimethyl-4-ethylbenzene</div> <div>Measured: -66.9</div> <div>Predicted: -63.5</div>	<div>Image not found</div> <div>2-Ethyl-p-xylene</div> <div>Measured: -53.7</div> <div>Predicted: -63.5</div>
<div>Image not found</div> <div>1-Ethyl-2,3-dimethylbenzene</div> <div>Measured: -49.5</div> <div>Predicted: -63.5</div>	<div>Image not found</div> <div>1,3-Dimethyl-5-ethylbenzene</div> <div>Measured: -84.3</div> <div>Predicted: -63.5</div>	